## EAST Search History

| Ref #      | Hits | Search Query   | DBs                | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|--|--------------------|---------------------|---------|---------------------|
| S1         | 5887 | (detector or detection<br>or detecting or detect<br>or detects or detected<br>or measure or<br>measuring or<br>measurement or<br>measured) same<br>(light with intensity)<br>same (different with<br>(frequency or<br>wavelength)) | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/10/29<br>09:22 |
| <b>S</b> 2 | 1791 | (detector or detection or detecting or detect or detected or measure or measuring or measurement or measured) with (light with intensity) with (different with (frequency or wavelength))  | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/10/29<br>09:23 |
| S3         | 967  | S2 and (image or imaging)  | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/10/29<br>09:23 |
| S4         | 179  | S3 and ((image or imaging) with (light with intensity) with (different with (frequency or wavelength)))  | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/10/29<br>09:24 |
| S5         | 14   | S4 and (plasmon with (resonant or resonance))  | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/10/29<br>09:25 |
| S6         | 1    | S5 not @ay>"1997"  | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/10/29<br>09:27 |
| S7         | 35   | S4 not @ay>"1997"  | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/10/29<br>09:27 |
| S8         | 34   | S7 not S6  | US-PGPUB;<br>USPAT | OR                  | ON      | 2007/10/29<br>11:36 |
| S9         | 1    | ("5633724").PN.  | USPAT;<br>USOCR    | OR                  | OFF     | 2007/10/29<br>11:37 |

| S10 | 119  | (plasmon adj<br>resonance) with<br>(image or imaging)  | USPAT              | OR | OFF | 2007/10/29<br>11:42 |
|-----|------|--|--------------------|----|-----|---------------------|
| S11 | 6    | S10 and (plasmon with fluorescent)   | USPAT              | OR | OFF | 2007/10/29<br>11:37 |
| S12 | 23   | (plasmon adj<br>resonance) with<br>(image or imaging)<br>with wavelength   | USPAT              | OR | OFF | 2007/10/29<br>11:43 |
| S13 | 1    | S12 not @ay>"1997"   | USPAT              | OR | OFF | 2007/10/29<br>11:43 |
| S14 | 374  | ((plasmon with (resonance or resonant)) with particle) and (fluorescent or fluorescence)   | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/17<br>17:37 |
| S15 | 11   | S14 not @ay>"1997"   | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/17<br>17:37 |
| S16 | 1    | ("5151956").PN.  | USPAT;<br>USOCR    | OR | OFF | 2008/08/17<br>22:19 |
| S17 | 9363 | ((plasmon with<br>(resonance or<br>resonant))) and<br>(fluorescent or<br>fluorescence)   | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/17<br>22:35 |
| S18 | 334  | S17 not @ay>"1997"   | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/17<br>22:35 |
| S19 | 374  | ((plasmon with<br>(resonance or<br>resonant)) with<br>particle) and<br>(fluorescent or<br>fluorescence)                              | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/17<br>22:35 |
| S20 | 11   | S19 not @ay>"1997"   | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/17<br>22:35 |
| S21 | 323  | S18 not S20  | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/17<br>22:35 |
| S22 | 0    | ((plasmon with (resonance or resonant)) with particle) with (simultaneous or simultaneously) with (detect or detection or detecting) | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/17<br>23:36 |

| S23 | 118 | ((plasmon with (resonance or resonant)) with particle) and ((simultaneous or simultaneously) with (detect or detection or detecting)) | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/17<br>23:36 |
|-----|-----|---|--------------------|----|-----|---------------------|
| S24 | 0   | S23 not @ay>"1997"  | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/17<br>23:36 |
| S25 | 27  | ((plasmon with (resonance or resonant)) with particle) and ((simultaneous or simultaneously) with (image))                            | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/17<br>23:37 |
| S26 | 1   | S25 not @ay>"1997"  | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/17<br>23:37 |
| S27 | 1   | ("6180415").PN.   | USPAT;<br>USOCR    | OR | OFF | 2008/08/17<br>23:45 |
| S28 | 76  | ((plasmon with<br>(resonance or<br>resonant)) with<br>particle) same (image<br>or imaging)  | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/18<br>00:54 |
| S29 | 1   | S28 not @ay>"1997"  | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/18<br>00:55 |
| S30 | 363 | ((plasmon with<br>(resonance or<br>resonant)) with<br>particle) and (image<br>or imaging)   | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/18<br>00:56 |
| S31 | 8   | S30 not @ay>"1997"  | US-PGPUB;<br>USPAT | OR | ON  | 2008/08/18<br>00:56 |

8/18/2008 5:54:26 PM

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